

1. (Amended) A copper alloy consisting, by weight, essentially of:

from 0.8% to 3% of iron;  
from 0.3% to 2% of nickel;  
from 0.6% to 1.4% of tin;  
from 0.005% to 0.35% of phosphorous;

less than 0.2% of zinc; and

the balance copper and inevitable impurities, said copper alloy retaining at least 70% of a pre-loaded stress following exposure to 150°C for 3000 hours.

10. (Amended) A copper alloy consisting, by weight, essentially of:

from 1% to 1.5% of iron;  
from 0.5% to 1% of nickel;  
from 0.8% to 1% of tin;  
from 0.01% to 0.1% of phosphorous;  
less than 0.2% of zinc; and

the balance copper and inevitable impurities, said alloy having a yield strength of 70 ksi or higher, an electrical conductivity in excess of 40% IACS and sufficient resistance to stress relaxation that over 75% of an imposed stress remains when exposed to temperatures of up to 150°C for up to 3000 hours.

11. (Amended) The copper alloy of claim [19] 10 formed into an electrical connector.

Please add new claims 21-24 as follows: ---

21. The copper alloy of claim 1 in a relief anneal temper.
22. The copper alloy of claim 9 in a relief anneal temper.
23. The copper alloy of claim 10 in a relief anneal temper.
24. The copper alloy of claim 11 in a relief anneal temper ---

A set of amended claims representing the claims pending in the patent application following this amendment is appended.